

CLAIMS

1. System for securing the movable jaw on a conical head of a conical or gyratory stone crusher, comprising a bowl, surmounted by a hopper for supplying material to be crushed, a fixed truncated conical jaw mounted coaxially of the bowl, a crushing head mounted on a principal shaft coaxial to the fixed jaw, whose geometric axis makes an acute angle with that of the drive shaft so as to communicate to the head a nutatory movement when the eccentric turns, and a conical movable jaw having a circular opening at its summit, mounted on the head and gripped on the latter by means of a blocking element secured to the head and bearing on the summit of the movable jaw,

characterized in that said element (16) has on its external periphery notches (15) directed radially outwardly and regularly spaced about said periphery, and that the movable jaw (4) has on its internal periphery at the level of its opening, lugs directed radially inwardly, regularly spaced about said periphery and in number equal to said notches (15), the lugs penetrating in the assembled condition into said notches so as to secure the blocking element (16) and the movable jaw (4) in rotation during operation of the crusher.

2. System for securement of the movable jaw according to claim 1, characterized in that the number of lugs and notches is equal to four.